Pursuant to 37 C.F.R. 1.121(b)(1)(ii) a full text version of the replacement paragraph with marking to show all the changes relative to the previous version of the paragraph follows:

ABSTRACT OF THE DISCLOSURE

Blocked mercaptosilanes are provided in which the blocking group contains an unsaturated heteroatom or carbon chemically bound directly to sulfur via a single bond. This blocking group optionally may be substituted with one or more carboxylate ester or carboxylic acid functional groups. These silanes are used in manufacture of inorganic filled rubbers, with the silanes deblocked by a deblocking agent. Synthesis of the blocked mercaptosilanes is also provided.

~~Disclosed herein is a rubber composition comprising:~~

~~a) a blocked mercaptosilane selected from the group consisting of:~~

~~[[(ROC(=O))p-(G)j]k-Y-S]r-G-(SiX3)s (1); and~~

~~[(X3Si)q-G]a-[Y-[S-G-SiX3]b]c (2)~~

~~wherein~~

~~Y is a polyvalent species (Q)zA(=E), each wherein the atom (A) attached to the unsaturated heteroatom E is attached to the sulfur, which in turn is linked via a group G to the silicon atom;~~

~~each R is chosen independently from hydrogen, straight, cyclic or branched alkyl that may or may not contain unsaturation, alkenyl groups, aryl groups, and aralkyl groups, with each R containing from 1 to 18 carbon atoms;~~

~~each G is independently a monovalent or polyvalent group derived by substitution of alkyl, alkenyl, aryl or aralkyl wherein G can contain from 1 to 18 carbon atoms, with the proviso that if Y is -C(=O)-, G is not such that the blocked mercaptosilane would contain an α,β-unsaturated carbonyl, and if G is univalent, G can be a hydrogen atom;~~

~~X is independently a group selected from the group consisting of -Cl, -Br, RO-, RC(=O)O-, R2C=NO-, R2NO-, R2N-, -R, and -(OSiR2)t(OSiR3) wherein each R is as above and at least one X is not -R;~~

~~Q is oxygen, sulfur or (-NR-);~~

~~A is carbon, sulfur, phosphorus, or sulfonyl;~~

~~E is oxygen, sulfur or NR;~~

~~p is 0 to 5; r is 1 to 3; z is 0 to 2; q is 0 to 6; a is 0 to 7; b is 1 to 3; j is 0 to 1, but it may be 0 only if p is 1, c is 1 to 6, t is 0 to 5; s is 1 to 3; k is 1 to 2, with the provisos that (A) if A is carbon, sulfur or sulfonyl, then (i) a + b = 2 and (ii) k = 1; (B) if A is phosphorus, then a + b = 3 unless both (i) c is greater than 1 and (ii) b is 1, in which case a is c + 1; and (C) if A is phosphorus, then k is 2;~~

~~b) an organic polymer; and~~

~~c) a filler.~~

IN THE ABSTRACT:

Delete the Abstract found on pages 79-80 of the present application in its entirety and substitute the following:

– Blocked mercaptosilanes are provided in which the blocking group contains and unsaturated heteroatom or carbon chemically bound directly to sulfur via a single bond. This blocking group optionally may be substituted with one or more carboxylate ester or carboxylic acid functional groups. These silanes are used in manufacture of inorganic filled rubbers, with the silanes deblocked by a deblocking agent. Synthesis of the blocked mercaptosilanes is also provided. –